From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: **GAL EHRLICH** C/O ANTHONY CASTORNIA 2001 JEFFERSON DAVIS HIGHWAY ARLINGTON, VA. 22202

14 111 2006

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY REPORT ON PATAENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Rule 71.1)

Date of mailing (day/month/year)

26 JAN 2005

Applicant's or agent's file reference

IMPORTANT NOTIFICATION

International application No.

International filing date (day/month/year)

Priority date (day/month/year)

PCT/IL04/00043

15 January 2004 (15.01.2004)

16 January 2003 (16.01.2003)

Applicant

GALIL MEDICAL LTD.

- The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary report on patentability and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed invention is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the IPEA/ US

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Alexandria, Virginia 22313-1450

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Form PCT/IPEA/416 (January 2004)



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	DOD EXECUTED 4 CENTS				
27434	FOR FURTHER ACTION	See Form PCT/IPEA/416			
International application No.	International filing date (day/month/year)	Priority date (day/month/year)			
PCT/IL04/00043	15 January 2004 (15.01.2004)	16 January 2003 (16.01.2003)			
International Patent Classification (IPC)	International Patent Classification (IPC) or national classification and IPC				
IPC(7): A61B 5/103, 5/117 and US C1.: 600/587 Applicant					
GALIL MEDICAL LTD.					
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.					
	a total of $\frac{\mathcal{S}}{2}$ sheets, including this cover sh				
3. This report is also accompa	anied by ANNEXES, comprising:				
a. (sent to the applican	a. (sent to the applicant and to the International Bureau) a total of sheets, as follows:				
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).					
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as					
indicated in ite	indicated in item 4 of Box No. I and the Supplemental Box.				
b (sent to the	e International Bureau only) a total of (i	ndicate type and number of electronic			
carrier(s))	a sequence listing and/or table, related the				
, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the					
Administrative Inst	ructions).	see Disting (see Section 802 of the			
4. This report contains indications relating to the following items:					
	is of the report				
	- ority				
Box No. III Non	n-establishment of opinion with regard to no	ovelty, inventive step and industrial			
	licability k of unity of invention				
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step of industrial applicability; citations and explanations supporting such statement					
1	tain documents cited				
Box No. VII Cer	tain defects in the international application				
Date of submission of the demand	Date of completion	Date of completion of this report			
17 June 2004 (17.06.2004)	18 January 2004 (18.	18 January 2004 (18.01.2004)			
Name and mailing address of the IPEA/ U	S Authorized officer				
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents	r	Shella H. Veker			
P.O. Box 1450 Alexandria, Virginia 22313-1450	Max Hindenburg	Paralegal Specialisa			
Facsimile No. (703) 305-3230	Telephone No. (703)	308-085 ech. Center 3700			
Form PCT/IPEA/409 (cover sheet)(January 2004)					

Internationa lication No.
PCT/IL04/00043

1. With regard to the language, this report is based on the international application in the language in which it was				
1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.				
This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:				
international search (under Rules 12.3 and 23.1(b))				
publication of the international application (under Rule 12.4)				
international preliminary examination (under Rules 55.2 and/or 55.3)				
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):				
the international application as originally filed/furnished				
the description:				
pages 1-11 as originally filed/furnished				
pages* NONE received by this Authority on received by this Authority on				
the claims:				
pages 12-17 as originally filed/furnished				
pages* NONE as amended (together with any statement) under Article 19				
pages* NONE received by this Authority on received by this Authority on				
pages* NONE received by this Authority on				
the drawings:				
pages 1-2 as originally filed/furnished				
pages* NONE received by this Authority on				
pages* NONE received by this Authority on				
a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.				
The amendments have resulted in the cancellation of:				
the description, pages				
the claims, Nos				
the drawings, sheets/figs				
the sequence listing (specify):				
any table(s) related to the sequence listing (specify):				
This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).				
the description, pages				
the claims, Nos				
the drawings, sheets/figs				
the sequence listing (specify):				
any table(s) related to the sequence listing (specify):				
If item 4 applies, some or all of those sheets may be marked "superseded."				



International Acation No.
PCT/IL04/00043

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement			
Novelty (N)	Claims 8-10,12,13-18,23-26,30,37-39 and 41 Claims 1-7,11,19-22,27-29,31-36 and 40	YES NO	
Inventive Step (IS)	Claims 8-10,13-18,23-26,30 and 37-39 Claims 1-7,11,12,19-22,27-29,31-36,40 and 41	YES ŅO	
Industrial Applicability (IA)	Claims 1-41 Claims NONE	YES NO	

2. Citations and Explanations (Rule 70.7)

Claims 1, 2, 5-7, 11, 19, 22, 27, 29, 31, 34, 36 and 40 lack novelty under PCT Article 33(2) as being anticipated by U.S. Patent No. 5,865,801 to Houser. Houser discloses an expandable balloon catheter (12) having an expandable balloon (24) which comprises a plurality of strain gauges (Col. 5, lines 45 - 50) mounted external to a wall of the balloon and a data analysis module. The data module comprises a graphics display (Col. 7, lines 23 - 25). The display is capable of displaying an image obtained from an ultrasound system (Col. 6, lines 5 - 26). The strain gauges report strain through a wire connection (Col. 7, lines 20 - 22). Houser discloses a radio-opaque marker (Col. 4, lines 53 - 57).

Claims 1, 5, 6, 11, 19, 34 and 35 lack novelty under PCT Article 33(2) as being anticipated by U.S. Patent No. 5,902,308 to Murphy. Murphy discloses an expandable balloon catheter having an expandable balloon that comprises a plurality of strain gauges mounted in circumferentially on the balloon (Col. 9, lines 12 - 35). The gauges report strain through a wire connection (66).

Claims 1 - 5, 7, 11, 19-22, 27-29, 31-34 and 40 lack novelty under PCT Article 33(2) as being anticipated by U.S. Patent No. 6,427,089 to Kowlton. Knowlton discloses an expandable balloon catheter having an expandable balloon that comprises a plurality of (Col. 14, lines 64 - 67). The data module comprises a memory module and a graphics display. The display is capable of displaying wire connection.

Claims 12 and 41 lack an inventive step under PCT Article 33(3) as being obvious over U.S. Patent No. 5,902,308 to Murphy in view of U.S. Patent No. 3,831,588 to Rindner. Murphy discloses the strain gauges reporting strain through a wire connection (66). However, Murphy fails to disclose the strain gauges reporting strain through a wireless connection. Rindner discloses a catheter obvious to replace the connection as disclosed by Murphy with a wireless connection as taught by Rindner to make the system less cumbersome by removing a wired connection.

Claims 8-10, 13-18, 23-26, 30 and 37-39 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a method or system as claimed by applicant.

Claims 1-41 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry related to diagnostic catheters.

Form PCT/IPEA/409 (Box No. V) (January 2004)